

# Library IT Projects As Drivers Of Organizational Change

**Jennifer Vinopal / @jvinopal**  
**DEVCONNECT 2017**  
**OCLC**





“

Every single last one of these [core library] values is explicitly or implicitly **under attack** from those who tout the 'virtual library,' 'the library without walls', and all the other **vapidities of the digerati**.

One encouraging development is the number of recent publications that have begun to question the **digital fantasies of the elites**.

—Michael Gorman, “New Libraries, Old Values.” 1998



**BREAKING**

**3:21 PM** TelexFree's Merrill gets six years in prison for \$3 billion pyramid scheme

## In dusty library, a link to heroic past



**BREAKING**

**3:21 PM TelexFree's Merrill gets six years in prison for \$3 billion pyramid scheme**

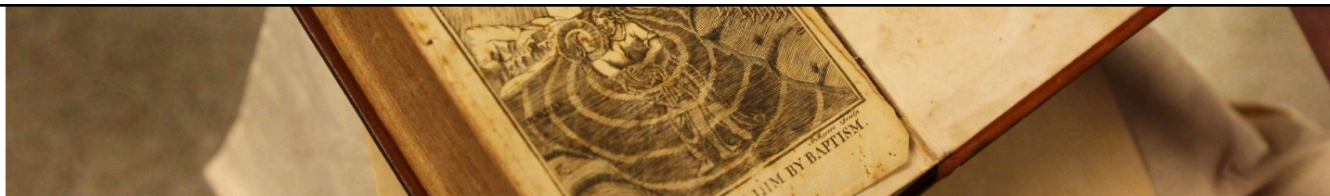
## In dusty library, a link to heroic past



# New library blows away dusty stereotypes

-- COMMUNITECH NEWS, 2014

Library stereotypes of dusty card catalogues and fossilized librarians prowling the stacks just waiting to shush you have gone the way of the dinosaur.



BREAKING

# Robotic librarian finds lost books, won't tell you to shush

A mobile robotic system is in development to take over the menial job of patrolling the stacks and inventorying the books.

Sci-Tech

by **Michelle Starr**

June 6, 2016 7:08 PM PDT

@riding\_red



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THE BLOG 09/18/2013 05:53 pm ET | Updated Nov 18, 2013

# Welcome to Today's Totally Modern Library: No 'Shushing' Allowed!



By Peter Mandel



“With imposing card catalogs, austere furnishings and musty stacks, academic libraries could seem more intent on hoarding knowledge than sharing it.”


- Towsen University News, 2015

y: No





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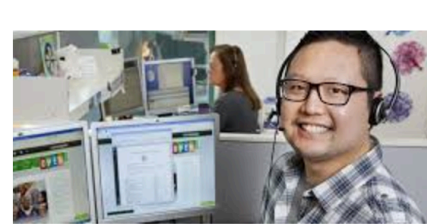
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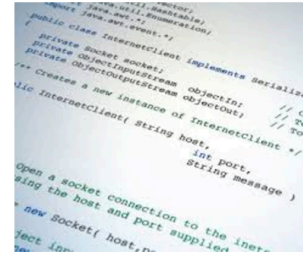
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engineer ✕





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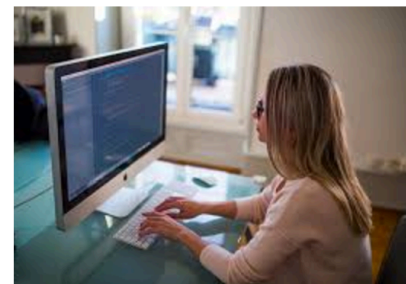
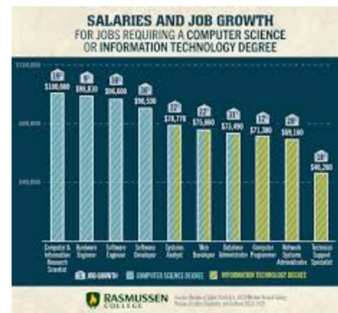
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technician ✕







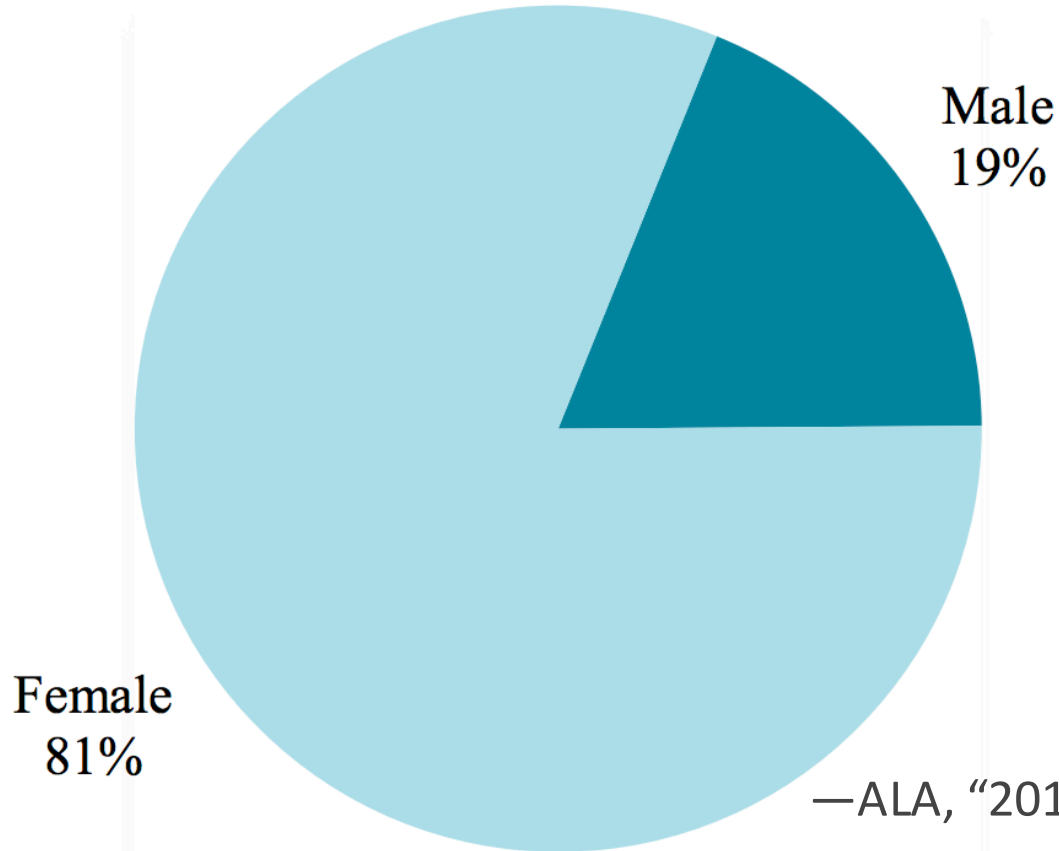
## LIBRARIAN ACTION FIGURE

With  
*"amazing  
shushing action!"*



# **ALA Members by Gender**

*% of members self-identifying*



—ALA, “2017 Demographics.” 2017

“

Stewardship:

Preserving and transmitting the records of  
humankind on behalf of future generations.

—Michael Gorman, “New Libraries, Old Values.” 1998

Simplicity

Efficiency

Readability

Modularity

Extensibility



Simplicity

Efficiency

Readability

Modularity

Extensibility

User Delight

Simplicity

Efficiency

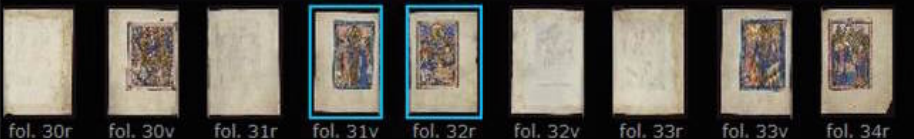
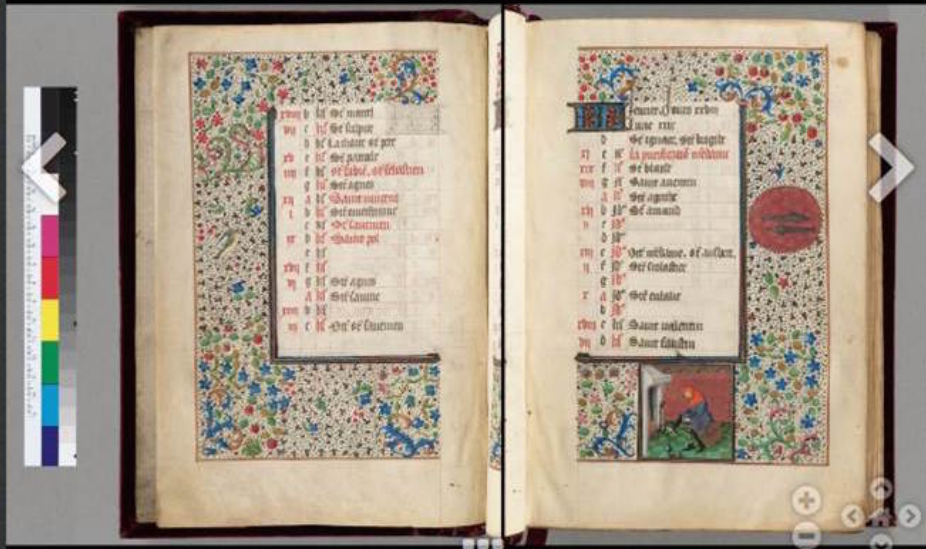
Readability

Modularity

Extensibility

User Delight

*Seamless*



caps lock

easy

control

alt

option

command

“

Computational thinking is the thought processes involved in formulating a problem and expressing its solution(s) in such a way that a computer—human or machine—can effectively carry out....

computational thinking is not just about problem solving, but also about problem formulation.

—Jeannette M. Wing, “Computational Thinking Benefits Society.” 2014

# Demystifying IT:

## **A Framework for Shared Understanding between Archivists and IT Professionals**

Seth Shaw, Richard C. Adler, and Jackie Dooley





- IT prioritizes core functions
- IT resources are not limitless
- Clarify terminology & intended meaning
- Follow designated procedures (e.g., ticketing)
- Involve IT from the outset on IT-related projects
- IT prefers formal project management, scoping
- Never lose your temper or become impatient

—Shaw, Adler, Dooley, “Demystifying IT.” 2017



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# THE FIFTH DISCIPLINE

The Art & Practice of  
the Learning Organization

PETER M. SENGE

“

Generative learning cannot be sustained in an organization where event thinking predominates. It requires a conceptual framework of "structural" or systemic thinking, the ability to discover structural causes of behavior. Enthusiasm for "creating our future" is not enough."

—Peter Senge, "The Fifth Discipline." 2006

Engage

Understand and value

Examine problems that “aren’t yours”

Communicate with respect

Frame IT projects as library projects

Learn collaboratively

# Cited

- Angry Librarian image via Pixabay, (CC0) <https://pixabay.com/en/horror-retro-scream-screaming-2028165/>  
Detail from “exclusion layer kaleidoscope” by Flickr user ok, shawna (CC-BY 2.0)  
<https://www.flickr.com/photos/withgeorge/6661248205/sizes/l/>  
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